

Module code: MOD009411	Version: 2 Date Amended: 02/Jul/2024
------------------------	---

1. Module Title
Cardiac Care

2a. Module Leader
Natasha Lane

2b. School
School of Nursing and Midwifery - Chelmsford

2c. Faculty
Faculty of Health, Medicine and Social Care

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

Relevant clinical practice Coronary heart disease remains the predominant cause of death in the United Kingdom. About 300,000 people sustain myocardial infarction every year (UK) and more than 110,000 die from Coronary Heart Disease in England every year. In addition Coronary Heart Disease has a major impact on the lives of the patients and their relatives and on the economy of the

United Kingdom. Preventing Coronary Heart Disease and reducing its mortality rate remains a major aim of the NHS and the Government. This module provides the opportunity to explore and develop the knowledge and skills required to meet the diverse acute and chronic needs of cardiac patients, their families/or carers. It will focus on the assessment, monitoring, medical and surgical management of cardiac disorders. This module is suitable for graduate nurses working in areas such as coronary care units, cardiac (medical and surgical) wards, investigational units and critical care areas. In order to receive care that is effective and of high quality the patient with a cardiac disorder is dependent upon practitioners being skilled in arrhythmia recognition and 12 lead ECG analysis.

There is a strong emphasis on the development of this skill and the knowledge of how to interpret and respond to potential and actual deterioration in the patient's condition. This will involve focusing on the haemodynamic effects of cardiac arrhythmias, their clinical presentations, and the various strategies of the management for cardiac arrhythmias to enhance cardiac output. This module is a theory/practice module in which the student will learn both in the classroom and in the practice area. Learning and teaching methods in the classroom will include a variety of methods such as lectures, seminars, group work, etc. Learning and teaching in clinical practice will be under the supervision of an experienced practitioner and qualified mentor within the students own clinical area. The module is assessed from both a theory and practice perspective.

6b. Outline Content

Cardiovascular Anatomy and Physiology; Electrophysiology Studies; Coronary Heart Disease; Heart Failure; Cardiac Arrhythmias; Cardiopulmonary Resuscitation; Electrocardiography; Haemodynamic monitoring; Cardiac support interventions; Electrophysiology Studies; Temporary and Permanent Pacing; Internal cardioverter defibrillators; Valve Disorders; Cardiomyopathies; Hypertension; Pharmacology Cardiac Investigations; Cardiac Surgery; Psychological aspects; Cardiac rehabilitation; Communication; Team working; Legal and Ethical issues; National policies and agendas affecting cardiac care (NSF for CHD)

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

Visit to cardiac investigation centres, cardiac surgery, coronary care units

7. Learning Outcomes (threshold standards)		
No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Critically analyse the relevant cardiovascular physiology and pathophysiology associated with cardiac disease and cardiac arrhythmias
2	Knowledge and Understanding	Synthesise evidence based knowledge and critically analyse the interventions for managing clients with cardiac disease and cardiac arrhythmias
3	Knowledge and Understanding	Critically appraise the effect of national and local policies on the management of the person with cardiac disease and arrhythmias
4	Intellectual, practical, affective and transferrable skills	Critically debate the implications of the legal and ethical issues that surround the care of a cardiac patient
5	Intellectual, practical, affective and transferrable skills	Reflexively review the provision of holistic care for the patient, and their family/carers with cardiac disease and cardiac arrhythmias
6	Intellectual, practical, affective and transferrable skills	Critique the roles of the inter-professional team and the strategies which promote effective team working for the care of the patient, and their family/carers

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2024/5	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	57	1-6	Lectures 3 hrs x 19 sessions over 10 weeks
Other teacher managed learning	3	1-6	Tutorial and viva preparation
Student managed learning	240	1-6	240 hours within practice and personal study
TOTAL:	300		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Examination Peterborough	1-5	100 (%)	Fine Grade	50 (%)
Unseen exam 2hrs					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Practical	6	0 (%)	Pass/Fail	100 (%)
PAD Pass/Fail					

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

(a) achieve the qualifying mark for each element of fine graded assessment as specified above

(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]